found Colt Rurely Recovers from ant-Pond Water Good for Cowsby Temporary Fences Are Bestalge of a Good Spring on the Farm.

Thatever method is employed in lling feals, it should have in view full and unretarded development he growing colt. Any young animal he farm must recover from any set k it may receive during its growth, the nim should be to keep it alis in a thrifty condition, and gaineach day until fully matured. If sums colt is stunted at any period its growth, the effect is sure to foland it cannot be overcome without a food and care, greatly in excess what have been required to keep constantly growing condition. In the chances are that it never will ver and be what it might have It may grow to be a well-develhorse, but it would have been much better had it suffered no In its growth,-Breeders' Ga-

Ponds for Watering Cows. uch is said about the need of water for cows that most people ome to the conclusion that pond er is always objectionable. It may ear large cities, where various is of refuse get into it, and so also the spring water of such localities conted with typhoid and other as. But away from large cities or res the pond water as found on by farms is as pure as that which s from springs. Cows will drink ven if the water be muddled, rather the water freshly drawn from ng or well. The reason is because amer the wat r is warmer. If cows will wade into such ds, letting the water cover the ers. This is very refreshing to in a hot day, but is best done e there is a running stream, so as exposure to the air by its motion to the water fresh.

Mulch Under Bearing Trees. in the summer for lack of water. best way to keep moisture in the is to thoroughly mulch it with e, cut grass or anything that will at an open, dry surface. If nothdie ean be procured cultivate a loese soil under the trees as far rous extend. Many people do hink of loose soil as a mulch, but ne of the best. It is for this reathat an orchard in bearing ought vs to be cultivated rather than n grass. In cultivated soil every shower sinks down where it will the roots. But if the surface is hard and uncultivated, even the wrains, if there is a steep descent, un off on the surface and do little There is an especial need of re while the fruit and its seeds

hick cannot be used by roots until issolved by water in the soil. The Value of a Good Spring. g of pure water on any farm at least a hundred dollars to its and if near a city it is worth more. Often such springs can nd in hillsides by digging six or cet, especially if the soil shows places during winter and If the spring is higher than se it can be conducted into the en by force of gravity, and the can be turned off or on as the wife may desire. There are less bundreds, and possibly thouof farms where the best pure can be conducted into the house ght expense. If the water has to

ing formed, for this requires not-

up hill. This costs somewhat but it will generally pay. Nature Studies.

ed a hydraulic ram will force the

annot but feel that an element wiedge of plant growth and of grocesses of nature will some considered a natural part of deation of all boys and girls in untry, and this not simply beit will make them more success ers or fruit growers or truck but because as a matter of discipline it is an excellent is for anybody, helping to train nd to habits of observation can be used in any field of life. living a knowledge of facts and es which will furnish pleasure ertainment in all after life, even not made directly profitable in the farm or the garden.-Garid Forest.

and shoats should have rings o their noses, and then turned orchard. They will eat up all rmy fruit, and the fruit and ill keep them in growing condi-Feed millfeed slop night and g, and give them plenty of clean to drink. Give the hogs and e a week a mixture of wood Cumberland coal or anthracite wer if it is broken up fine and sulphur. This is an excellent It also purifies the blood. igs must be kept up, keep their d yards very clean; whitewash and out, and feed grass, oats

as, or corn fodder, once a day. feed corn during the summer. Millet for Cutworms. from its feeding value, mille y useful crop for clearing the of cutworms. A few years agmitural experiment station of Dakota sent out questions con the cutworms, one of walch Will a crop such as millet the worms do not like, and ffectually chokes out all other leave the ground free from a the fall? Out of sixty ar

cived, only one reported that had followed a thrifty crop of All the others reported that er millet stood the best chance ig unmolested by wire worms -

Temporary Fences Best, year the amount of interior s lessening, and it is not, as is ly thought, because fencing magrowing senecer. In fact, the

much labor to put up. But the wovenwire fence has r. still greater advantage in the fact that it can be easily taken down and set up again. With a INGS PERTAINING TO THE few hundred rods of this fence, no other fencing material would be needed on any farm. Under a permanent tence, such weeds as Canada thistle and quack grass will find a secure iome, from which no cultivation can dislodge them.

How Beets Were Improved.

It is by successive plantings of beet seed from the plants which showed the greatest percentage of sweet, that the amount of succharine matter in the beet has been increased from eight per cent, from the best up to fourteen and even eighteen per cent., as some of the Improved French varieties have shown. Vilmorin, a French seed grower, took the lead in these experiements. It might be supposed that in testing the beets it would thereafter be impossible to use such beets for planting. But Vilmorin was very careful in testing to only scoop out a small part of the bulb, numbering each specimen, and when the test of each was completed. selecting those beets for seed which grown under natural conditions. Possibly also it cannot be expected that beets yielding such high percentages of laden and can therefore flow more bushels, easily. And yet it may not be any harder for nature to change the carbonic acid gas absorbed through the just week. There was renewed activity beet leaves sweet than it is into starch, over a range of about 112 cents. Dureach being different forms of the same ing the first part unseasonable temperachemical substance, carbon. Stock in Rainy Weather.

Stock at pasture in summer often suffer more from cold in wet weather than they do from the cold of winter. The constant evaporation of moisture which is hastened by the warmth generated by the body chills the skin, and gives the animal what is known as cold, but is really internal fever. Milch cows and those heavy with young suffer most, as they cannot so well run around and thus keep their blood circulating. Every farmer has noticed that after rain has fallen all day the milk yield shrinks if the cow has been exposed to the wet. For this reason a shed in the pasture field may be a good investment. Better still is it to get the cows up to the barnyard under shelter and cut some grass for them, glving a bran mash to increase the nutrition. Wet grass in field or cut does not have the proportion of nutriment to its bulk that the same grass has in dry weather with only its own natural juices in it.

A good sile can be built cheaply and easily by the exercise of a little thought middlings, \$21; shorts, \$15.50. and ingenuity. If possible, construct it in any of the farm buildings, for it will then cost not more than 50 cents 12; do out, \$11; Oregon wild hay, \$9 @ per ton of ensilage. Get all the height 10 per ton. you can, rather than diameter. If you already have a large silo and you are you get a layer fed off, divide it with roll, rough lumber, and so have two. Try to get at least twenty-four feet in America, 12 bc; California, 9@10c per height. Figure on a cubic foot per day pound for each cow or steer to be fed. In building outside of a building it is needful to have the silo double and large in @3.50; ducks, \$2.50@3 per dozen; space as a protection against frost, turkeys, live, 10c per pound, s, with waterproof building paper per sack between.-Agriculturist.

Apple Tree Berers. It behooves apple growers to be on the lookout for the borer, which, if unchecked, will ruin their trees. The parent of this borer is a brown-andwhite striped beetle, about threefourths of an inch long and somewhat plump. It lays its eggs either at night or very early in the morning, and is not easily seen against the apple trees. Washing the trees with an emulsion made of whale-oil soap and water, with enough carbolic acid to make it smeil strongly, will keep the beetle away. But it is safer to bind some clotn around the tree trunk to the height of two feet from the ground, and saturate that with the emulsion, as the odor will remain through the whole season, instead of being washed away by rains, as it might be on the tree.

The grain drill is much too expensive an implement to be left to rust by negket in earing for it. The fertilizer brills are especially liable to this injury, because they have held some icids which cannot help rusting what ever iron they come in contact with, While in use the friction prevents rust formation, but if phosphate is left in the drill over night some injury must result. Worse still happens if the drill s left out of doors to be wet and rust ed by rains. We have known careful farmers who kept grain drills in good condition twelve to fifteen years. But they kept them under cover, and always greased the parts most exposed to rust before putting away.

Farm Notes.

The burdock, considered a nuisance n this country, has been cultivated as an article of food in Japan for centuries. The roots, leaves and tender shoots are cooked and eaten, and the annual value of the burdock crop is said to be about \$400,000.

It will pay any farmer to read about his business; no matter how experienced he may be there are many things he will never know from his own ventures. Especially in such work as dairying is reading beneficial, because there are so many problems which require scientific attainments, and which farmers can hear of only through constant reading.

June and July are the months for digging the peach tree borer out of the trunks. This work may be done without injury to the trees, and is very necessary. The method is to cut into the opening made by the borer or insert wire, but care should be used that the work is done so as to insure the de-

struction of the borer. A good milch cow has broad hind 18 go; Eastern, 13 @ 14; duck, 13c per quarters and thin foreshoulders, thin and deep neck, pointed withers, head pointed between the horns, flat and fine-boned legs and fine hair. Choose one with odders vivil forward, wide cheapness of iron makes the spart and large enough to be easily wire fences really cheaper, con- grasped. A medium-sized cow will lons, and or the largest ever built, may Compound and Sanative Wash and they give more milk in proportion to the be seen at Maltermora, Cal. The steel g their permanence, than many give more unit old-time tences which cost so food she eats.

WEEKLY MARKET LETTER.

Jawaing, Roph as & Company's Review of Trade.

There was not much activity or busicust week partially owing to the very not weather throughout the the states mst of the Rocky mountains. On account of the temporary strength of the orn market prices advanced 2 cents, ot the advance did not hold and the lose was at about the same as a week

"The July returns of the departments ition of spring and winter wheat comined are 84.9, which is 2.7 points aber than last month

The Orange Judd Farmer says: In the spring wheat district the menth has been wholly favorable and evious high condition of the crop, is ally maintained. The present condion. 93.2, is practically the same as report d last month. Should it go to riest with no future drawback, there alumdance in the situation to justify in expectation of 260,000,000 bushels, with nearly 200,000,000 bushels in the yielded the richest juices. Under this Dakotas and Minnesota alone. This, treatment, however, the beets became with a reasonable certainty of at least less productive than in those varieties 315,000,000 bushels of winter wheat, makes possible this year a total wheat op of 575,000,000 bushels.

For the past week the decrease in the sweet should grow so large as do the visible supply was 874,000 bushels, varieties whose sap is not thus over- and the total is now but 16,409,000

> The weather was the controlling influence in the corn market during the ture and lack of moisture prevailed throughout the entire corn belt. This induced liberal buying for speculative ecount, forcing prices up 2 cents from ast week's finish. Later, when normal conditions set in, the early buyers ook profit, resulting in one cent de-Sentiment is decidedly less that only a moderate crop can be raised with perfect conditions from now on, while all the accidents favor the hold-Receipts at primary points fell off appointing.

> > Portland Markets.

Wheat-Walla Walla, 65@66c; Valey, 67c per bushel. Flour-Best grades, \$3.50@3.60;

grahram, \$3.25; superfine, \$2.25 per Oats-Choice white, 38@40c; choice

gray, 37 @ 39c per bushel. Barley-Feed barley, \$16@16.50; brewing, \$18@19 per ton.

Millstuffs-Bran, \$18.50 per ton; Hay-Timothy, \$10@13.50; clover, \$11.50@12.50; California wheat, \$10@

Egys-13@14c per dozen. Butter-Fancy creamery, 35@40e;

troubled with mold over the top before fair to good, 30c; dairy, 25@30c per Cheese - Oregon, 11 lde; Young

> Poultry-Chickens, mixed, \$2,50@3 per dezen;broilers, \$1.50@3.25;geese,\$2

Frost will get in through one thickness, Potatoes.—Oregon Burbanks, 40 @ as in the case of matched lumber silo. 50c per sack; sweets, \$2.75 per cental Better use a rough hemlock, two thick- for Merced; new potatoes, 50 @ 60c blue, and the alterations of color are so ing when under observation on dress

Onions-California, new, red, 90c@ from the tint of the flower. \$1; vellow, \$1.25 per cental. Hops-714 @Sc per pound for new

rop; 1896 crop, 4c. Wool-Valley, 11@13c per pound; to become partially destroyed. Eastern Oregon, 7@9c; mohair, 20c per pound:

Matton-Gross, best sheep, wethers and ewes, 214 @232c; dressed mutton, ger spring lambs, 53g per pound. Hogs-Gross, choice heavy, \$4; light and feeders, \$2.50@3; dressed, \$3@

1.25 per 100 pounds. Beef-Gross, top steers, \$2.75@3; rows \$2.25; dressed beef, 4@554c per

Veal-Large, 3; small, 4@414c per

Scattle Markets.

Butter-Fancy native creamery, brick, 17c; ranch, 10 m 12c. Cheese-Native Washington, 10@ He; California, 912c. Eggs-Fresh ranch, 17@18c.

Poultry-Chickens, live, per pound, hens, 10 to actic; spring chickens, \$2 oc3.50; ducks, \$2.50@3.75.

Wheat-Feed wheat, \$25 per ton. Oats-Choice, per ton, \$21@22. Corn-Whole, \$20; cracked, per ton, \$20; feed meal, \$20 per ton.

Barley-Rolled or ground, per ton, \$19; whole, \$18.50. Fresh Meats-Choice dressed beef, steers, 6c; cows, 5 c; mutton sheep,

6c; pork, 61gc; veal, small, 6. Fresh Fish-Halibut, 3@4c; salmon, and sole, 3@4; ling cod, 4@5; rock milky way. od, be; smelt, 2 5 @ 4c.

San Francisco Markets. Wool-Choice foothill, 9@11c; San

Joaquin, 6 months' 8@10c; do year's staple, 7@9c; mountain, 10@12c; Oregon, 10@12c per pound. Hops-8@ 12c per pound. Millstuffs - Middlings, \$16.50@

20; California bran, \$14@14.50 per Hay-Wheat, \$11; wheat and oat, \$7@10; oat, \$7@8 river barley, \$5 ms; best barley, \$6@8; alfalfa,

\$5 cc 5.50 clover, \$6 @ 8. Potatoes-New, in boxes, 60 @ 90c. Onions-New red, \$5 st 75c; do new silverskin, 85@\$1 per cental.

Fresh fruit-Apples, 20 230c per small bor; do large box, 30@50c Royal apricots, 20@40c common cherries, 15@25c; Royal Anne cherries, 20@30c per box; currants, \$1.00@1.50 per chest; peaches, 25 or 60c; pears, 20 @ 40c; cherry plums, 20c4 40c per box. Butter-Fancy creamery, 20c; do

seconds, 186219c; fancy dairy, 16@ 17e; good to choice, 13 of 14c per pound. Cheese-Fancy mild, new, 8c; fair to good, 7@754c per pound. Eggs—Store, 12@14c; ranch, 15@

Chrus fruit-Navel oranges, \$1 @2; seedlings, 75c@\$1.25; Mexican imes, \$4.75 of 5.50; common lemons, \$1.

A wine cask which holds 97,000 galbe seen at Maltermora, Cal. The steel have cured me. I cannot praise your hoops around it weigh 40,000 peunds medicine enough."

A Secret Newspaper.

A strange newspaper which many persons will be eager to obtain had its existence disclosed for the first time at the Von Tausch libel trial in Berlin. It seems that certain aristocrats at ess in the wheat market during the Kaiser-Willialm's court turn in the gessip they hear to an editor, who prints off a limited collision of the news thus collected for the contributors and a very few other persons. To get at this of articles on foreign travel, chronique scar daleuse a member of the secret police forged, with full acquiescence from his superiors, the name of a ableman high in court circles.

AND MOMENT

Have, ere now, had their currents awrs, as Hauter says, by an any previous Napoleon failed to improve a great Austrillie to consequence, it illustrates beought on by some in paratical in order to avoid dyspers e tone of the stomach. Liver complete the and fever, and rheumalism are annited by the littlers.

In Home there are few houses bearouses that should bear those figures. are marked 12B or 14A.

AN OPEN LETTER TO MOTHERS.

e are asserting in the courts out right to the achieve use of the word "CASTORIA," and FITCHER SCASTORIA," as out Trade Mark. L. Dr. Samuel Filcher, of Hyannis, Massachusetts, was the internation of "PITCHER'S CASTORIA." the same that has borne and does now hear the simile signature of CHAS, H. FLETCHER on WIY WEST, This is the original "PITCHER'S CASTORIA" which has been used in the homes of the mathers of America for over thirty years. Look Carefully at the wrapper and see that it is my name except The Centaur Company of which Chas. H. Firtcher is Presiden March 8, 1842. SAMUEL PITCHER, M.D.

The Lord Mayor's Rober

to wear an earl's robe whenever a a rather discouraging view of the pe crowned head visits the city. The presearish. Conservative operators prefer ent ford mayor had such a robe made says. "There are not many men, et which cost him £500.

A little thing happened down at the ome of Schilling's Best tea the other sharply, but promise slightly larger day that cost the firm a clean \$200. next week. The cash demand was dis- and the most interesting feature of the matter is that they could have got out of paying it if they wanted to-because it was a voluntary thing and no one expected them to do it.

It seems that, in the earlier part of the missing word contest, A. Schilling & Co, promised \$100 each to the two persons who sent in the largest number of Schilling's Best yellow tickets before

It seems fair that the consumers of the tea should get those prizes. A grocer has a better opportunity for collecting tickets; and then, too, he makes a profit on the tea. But two grocers won the prizes, and A. Schilling & Co. paid the money.

Now comes the funny part-they wanted consumers to get \$200, and were determined they should. So they paid another \$200 to the two consumers who had sent in the two largest numbers of

That is handsome, to say the least.

A Botanical Clock.

which have been found in the isthmus not to the manner born. Careful par of Tehnantepec, lately much explored ents are particular to train their chill by naturalists, is a botanical clock. It dren in these nicelies of behavior. s a flower which in the morning is Among the Winnelmgos the little girls white, at noon is red, and at night are drilled in the proper way of stand-

It is well known that continued darkges has caused the vision of animals

HOITT'S SCHOOL

French paupers are provided for by the funds arising from a ten per cent tax on theater tickets. This tax averages \$10,000,000 a year.

HOW'S THIS?

We offer One Hundred Dollars Reward for my case of Cutarrh that cannot be cured by any case of Cwarric Bollars Remard for Hail's tatarth Cure. Hail's tatarth Cure. Lannot be cured by Hail's tatarth Cure.

We, the undersigned, have known F. J. Chenker for the last 15 years, and believe him perfectly honorable in all business trasactions, and hannels by their firm.

West & Tavax,
Wholesale Druggists, Toledo, O. Walding, Kinnan & Makvin. Wholesale Druggists, Taredo, O. Hall's Catarra Cure is taken internally, acting directly upon the blood and mutous still divide the extern. Price 78c, per bottle. Sold by all druggists. Testimonials free.

Hall's family pilos are the best.

y all druggists. Testimonials for Hall's family pills are the best.

Football was a crime in England during the reign of Henry VIII.

I shall recommend Piso's Cure for Con-sumption far and wide.—Mrs. Mulligan, Plumstrad, Kent, England, Nov. 8, 1816.

The stargazers of the Mount Hamilton observatory say that there are five many than most of the officers, and more 460 5c; salmon trout, 760 10c; flounders hundred million burning suns in the about cathedrals than anybody else,

TO MOTHERS OF LARGE FAMILIES

In this workaday world few women are so placed that physical exertion is not constantly demanded of them in their daily life.

Mrs. Pinkham makes a special appeal to mothers of large families whose work is never done, and many of whom suffer and suffer for lack of intelligent aid. To women, young



fill your future years with healthy joy. MRS. A. C. BUHLER, 1123 North Albany avenue, near Humboldt Park, Chicago, Ill., says: "I am fifty-one years old and have had twelve children.

the men in public life."

and my youngest is eight years old. I have been suffering for some time with a terrible weakness; that bearing-down "I'm sure," said the girl who is feeling was dreadful, and I could not gaged, "that Herbert is a prize," walk any distance. I began the use of Lydia E. Pinkham's Vegetable a case of this kind it's so difficult to reli whether you've won a first prize or # booby prize."-Washington Star.

Thomas Wentworth Higginson ! how in England and is writing a series

"Susan Escort and Others," a collection of short stories by Edward Everett Hale, will shortly be issued.

R. N. Stephens will soon bring out agriculture indicate the everage con- ENTERPRISES OF GREAT PITH the historical romance. "An Enemy to the King," based upon his drama of the same name which was presented with such success by E. H. Sothern.

The long-expected new volume of Justin McCarthy, "History of Our Own Times," which brings the story down from 1880 to the diamond jubilee, making the third volume in the compiled work, is announced for publication.

Edward Bellamy's new book,"Equality," is now promised to appear in a ng the number 13. Nearly all the few days. The slight delay is due to the necessity for the book to appear simultaneously in the United States, Great Britain, France, Germany, Switzerland, Belgium, Italy and other countries. It is of interest to recall that over 400,000 copies of "Locking Backward" have been sold in this country alone.

That famous mart of books, pictures and other treasures, known to more than one generation as "Christle's," is to be celebrated in a volume by W. Roberts, who is just the man in all London qualified to write it. It is signature of CAAS. H. FLETCHER on the called "Memorials of Christie's," and wrapper. No one has authority from me to use | besides traversing the annals of the great house of auctioneers it will gather together stories of many famous sales and record prices.

Miss Jeannette L. Gilder, in her The lord mayor of London is entitled "Lounger" columns of the Critic, takes cuniary benefits of fiction writing. She IN GUARANTEED ORDER buying on the weak spots, believing for use at the recent jubilee festivities women either, in this country making even \$3,000 a year out of fiction.. The person who makes \$10,000 a year out of that branch of literary work may count himself fortunate. I do not be-Here there are five writers of fiction in this country who make as much by their pens alone."

> Home Life Among the Indians. Mrs. Alice C. Fletcher contributes a paper with this title, one of a series on similar subjects, to the Century, Mrs. Fletcher says: One would hardly suppose that there could be particular rules as to the manner of sitting upon the ground; but here, as in every other part of Indian life, there is a rigid observance of custom. Men may prop erly sit upon their heels or cross-legged, but no woman may assume these attltudes. She must sit sidewise, gathering her feet well under her, and make a broad, smooth hap. When working she may kneel or squat, and when resting she, as well as the men, may sit with legs extended; but at all other sex. To rise without touching the Among the botanical curiosities good breeding very difficult to on

> times men and women must observe the etiquette of posture distinctive o ground with the hand, springing up lightly and easily to the feet, is a bit of emlar that the time of day can be told occasions. Their position of hands and feet is also the proper one for the women in certain religious dances. While among the Sieux, a mother with a good-sized family of boys and girls propounded to me the question whether white women did not find their daughters more trouble than their sons; she was sure she did. "Look at those girls," said she; "I have the'r clothes to make, their bair to braid, and to see that they learn how to behave. Now, my boys are no trouble." As I glanced at the group of children, the glossy braids of the girls falling over their stagle smock, and the boys, naked but for the breech-clout, their miniature scalp-lock ornamented with a brass sleigh-hell surmounting a snarl of frowsy hair, I recognized the kinship of maternal perplexities the world

> > College Men in Public Life. R. C. Lehmann of England, who was a candidate for election to parliament at the hands of the Cambridge constit gency, in an address before the students of Harvard College recently, gave expression to this view: "The proper aim of a university ought not to be merery to make knowledge useful. It ought to broaden men's views and make them intelligent and interesting men, able to serve their country in all ways. I shall cite the example of Gladstone, as showing the effect of college training. He knows more about the and yet he is now the only great man to stand up for freedom and justice in European politics. He and other college nen show a range of knowledge and interest in subjects which others do not. A large part of the influence that these college men get in college in England is due to the union societie of Oxford and Cambridge. They are large, social organizations, open to all students who wish to join. They are the clubs with their reading rooms writing rooms, debating halls, and so forth. I have been told that some like organization has been proposed for Harvard, and I hope that it will sue ceed, as it has had in Oxford and Cam-

Beetles of Great V lue. The most remarkable gold beetles the world are found in Central Amer ca. Current Literature says. The head and wing cases are brilliantly polished with a fuster as of gold itself. To sight and touch they have all the seeming of that metal. Oddly enough, another species from the same region has the appearance of being wrought in solle silver, freshly burnished. These gold and silver beetles have a market value. They are worth from \$25 to \$54

beidge such an immense influence o

"Yes," replied Miss Cayenne, "but !

\$10000

Who will get it?

Schilling's Best tea is not only pure but it is----?---because it is fresh-roasted.

What is the missing word?

Get Schilling's Best tea at your grocer's; take out the Yellow Ticket (there is one in every package); send it with your guess to address below before August 31st.

One word allowed for every yellow ticket.

If only one person finds the word, he gets one thousand dollars. It several find it, the money will be divided equally among them. Every one sending a yellow ticket will get a set of cardboard creeping

babies at the end of the contest. Those sending three or more in one envelope will receive a charming 1898 calendar, no advertisement on it.

Besides this thousand dollars, we will pay \$150 each to the two persons who send in the largest number of yellow tickets in one envelope between June 15 and the end of the contest-August 31st.

Cut this out. You won't see it again for two weeks.

Address: SCHILLING'S BEST TEA SAN FRANCISCO.

## CHEAPEST POWER...

Rebuilt Gas and ...Gasoline Engines

405-7 Sansome Street

San Francisco, Cal...

Prussia's Amber Monopoly.

owns the two best mines, the Palmnick-

it has, according to a report from the

British consul at Dantzig, to pay to the

German government a royalty of 650,-

000 marks a year. It is reckoned, says

the London News, that this firm has,

up to now, paid no less than \$1,000,

000 in royalties to the German govern

ment. In addition to the output from

the mines in 1895, a good deal of ambe-

was picked up on the beach at the Pil-

lau, in the province of East Prussia,

being washed up with the seawood dur-

ing the prevalence of northwesterly

gales. The shore at Pillau after a storm

is sometimes covered with a layer of

the amber is found entangled. Men

women and children find easy and lu

crative employment in searching for the

amber along this part of the amber

coast. The people engaged in this pre-

carious work often earn \$6 a day or

more. In 1895 about 100 tons of raw

amber came to Dantzig to be worked

up, as compared with 140 tons in 1894

It is nearly all melted to make lac and

varnish. The larger pieces are also

made into beads, which are sent all

over the world. The beads known to

the trade as the Leghorn corals, are in

Russian Railroads.

Russia, with over 4,875,000 square

miles more than the United States, has

158,000 miles less of railroads, says

the Boston Courier. Most of the en-

gines burn nephtha oil for fuel, with

excellent results. This oil is the ref-

use from the first refining and costs

about 40 cents per barrel. This oil is

also used for general lubricating pur-

poses. None of the engines have bells

but instead they have two whistles.

The engines are finely painted, the

and cab green, with a fine black stripe;

the inside of cabs nearly white, or

cream color. The speed of freight

trains is limited to 20 miles an hour,

and the fast express is limited to 35

miles per hour. In switching and

making up of trains all signals are

given by sound-that is, the switchman

has a tin horn which he blows and the

engine driver is obliged to repeat this

signal by whistle before he goes

ahead. When and engine stops the en-

gineer is required to give three short

Singular Effects of Cold.

300 degrees Fahrenheit below zero, ac

cording to the experiments of M. Pictet

gives out, when struck, a pure musical

sound. Solidified mercury, at the same

temperature, is also resonant, while a

coil of magnesium wire vibrates like a

The Kiel canal is lighted over 62

miles by electricity, and is the longest

distance in the world lighted continu-

DRUNKARDS CANSELED

The mean temperature of the earth

taken as a whole, is 50 degrees F., and

Best Cough Syrup. Tasted Good. Use in time. Suit by druggists.

the average annual rainfall is 30 inches

ously in that way.

A bar of lead cooled to a point about

strong demand.

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